Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (currently amended) A peptide separated from tunicate and comprising amino acid sequence represented by the below <Chemical Formula 1> in which each amino acid is represented by each figure;

<Chemical Formula 1>

$$W_1X_2B'_3U_4X_5X_6B_7B_8U_9X_{10}B'_{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18}$$

In the above Formula wherein,

W represents tryptophane or its derivatives;

X represents more than one amino acid residue selected from [[a]] the group consisting of tyrosine, valine, isoleucine, leucine, methionine, phenylalanine and tryptophane, and the derivatives thereof;

B represents more than one amino acid residue selected from [[a]] the group consisting of arginine, lysine and histidine, and the derivatives thereof;

B' represents more than one amino acid residue selected from [[a]] the group consisting of arginine, lysine and histidine or from a group consisting of asparagine and glutamine, and the derivatives thereof; and

U represents more than one amino acid residue selected from [[a]] the group consisting of glysine, serine, alanine and threonine, and the derivatives thereof.

2. (original) The peptide as set forth in claim 1, wherein the tunicate is *Halocynthia aurantium*.

- 3. (original) The peptide as set forth in claim 1, wherein the W is tryptophane, the X is one selected from a group consisting of leucine, isoleucine and valine, the B is one selected from a group consisting of asparagine, glutamine, histidine, lysine and arginine, the U is one selected from a group consisting of alanine, serine, and glycine, and the C is cysteine.
- 4. (currently amended) The peptide as set forth in claim 1, wherein the peptide is consisted consists of amino acid sequence represented by SEQ. ID. No. 1 in which W_1 is tryptophane, X_2 is leucine, B'_3 is asparagine, U_4 is alanine, X_5 is leucine, X_6 is leucine, B_7 is histidine, B_8 is histidine, U_9 is glycine, X_{10} is leucine, B'_{11} is asparagine, C_{12} is cysteine, U_{13} is alanine, U_{14} is lysine, U_{15} is glycine, U_{15} is valine, U_{17} is leucine and U_{18} is alanine.
- 5. (withdrawn-currently amended) A peptide comprising amino acid sequence represented by the below < Chemical Formula 2> in which three amino acids $(W_1X_2B'_3)$ of the peptide represented by the above < Chemical Formula 1> are lost;

<Chemical Formula 2>

$$U_4X_5X_6B_7B_8U_9X_{10}B'_{\ 11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18}$$

In the above Formula,

U represents more than one amino acid residue selected from a group consisting of glysine, serine, alanine and threonine, and the derivatives thereof;

X represents more than one amino acid residue selected from a group consisting of tyrosine, valine, isoleucine, leucine, methionine, phenylalanine and tryptophane, and the derivatives thereof;

B represents more then one amino acid residue selected from a group consisting of arginine, lysine and histidine, and the derivatives thereof; and

B' represents more then one amino acid residue selected from a group consisting of arginine, lysine and histidine or from a group consisting of asparagine and glutamine, and the derivatives thereof.

- 6. (withdrawn-original) The peptide as set forth in claim 5, wherein the X is selected from a group consisting of leucine, isoleucine and valine, the B is selected from a group consisting of asparagine, glutamine, histidine, lysine and arginine, the U is selected from a group consisting of alanine, serine, and glycine, and the C is cysteine.
- 7. (withdrawn-original) The peptide as set forth in claim 5, wherein the peptide is consisted of amino acid sequence represented by SEQ. ID. No 2 in which U_4 is alanine, X_5 is leucine, X_6 is leucine, X_7 is histidine, X_8 is histidine, X_9 is glycine, X_{10} is leucine, X_{11} is asparagines, X_{12} is cysteine, X_{13} is alanine, X_{14} is lysine, X_{15} is glycine, X_{16} is valine, X_{17} is leucine and X_{18} is alanine.
- 8. (withdrawn-original) A peptide represented by the below <Chemical Formula 3> wherein the peptide represented by <Chemical Formula 1> of claim 1 is

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combined with the other peptide represented by <Chemical Formula 2> of claim 5 at cysteine site by disulfide bond;

< Chemical Formula 3>

$$W_{1}X_{2}B'_{3}U_{4}X_{5}X_{6}B_{7}B_{8}U_{9}X_{10}B'_{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18}\\ \\ W_{1}X_{2}B'_{3}U_{4}X_{5}X_{6}B_{7}B_{8}U_{9}X_{10}B'_{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18}$$

9. (withdrawn-original) A peptide represented by the below <Chemical Formula 4> wherein the two peptides represented by <Chemical Formula 1> of claim 1 are combined with each other at cysteine site by disulfide bond;

< Chemical Formula 4>

$$\begin{array}{c} U_{4}X_{5}X_{6}B_{7}B_{8}U_{9}X_{10}B' \ _{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18} \\ \\ U_{4}X_{5}X_{6}B_{7}B_{8}U_{9}X_{10}B' \ _{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18} \end{array}$$

10. (withdrawn-original) A peptide represented by the below < Chemical Formula 5> wherein the two peptides represented by < Chemical Formula 2> of claim 5 are combined with each other at cysteine site by disulfide bond;

< Chemical Formula 5>

$$W_{1}X_{2}B'_{3}U_{4}X_{5}X_{6}B_{7}B_{8}U_{9}X_{10}B'_{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18}\\ U_{4}X_{5}X_{6}B_{7}B_{8}U_{9}X_{10}B'_{11}C_{12}U_{13}B_{14}U_{15}X_{16}X_{17}U_{18}$$

11. (original) An antimicrobial agent comprising one or more peptides selected from a group consisting of compounds represented by <Chemical Formula 1 - 5> as an active ingredient.